

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): PARK, Sang-Yong et al.

Examiner: PHUONG, Dai

Serial No.: 10/633,034

Group: Art Unit 2617

Filed: September 15, 2003

Date: February 15, 2011

For: METHOD FOR TRANSMITTING AND RECORDING SCHEDULE USING
MESSAGE SERVICE

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL FORM

Sir:

Transmitted herewith is an amendment in the above-identified application.

- ☐ Small entity status of this application under 37 C.F.R. §§1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A verified statement to establish small entity under 37 C.F.R. §§1.9 and 1.27 is enclosed.
- ☒ No additional fee is required.

For	Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra	Rate (Small Entity)	Addit. Fee	Rate	Addit. Fee
TOTAL CLAIMS*	19	20	0	x 26 =	\$0	x 52 =	\$0
INDEPENDENT CLAIMS	3	3	0	x110 =	\$0	x220 =	\$0
<input type="checkbox"/> First Presentation of Multiple Dep. Claim				195		390	\$0

* If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.

** If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

- ☐ Please charge Deposit Account No. 50-4053 in the amount of \$____. Two (2) copies of this sheet are enclosed.
- ☐ A check in the amount of \$__ is enclosed.
- ☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. §§1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 50-4053. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-4053 therefor.

Respectfully submitted,



Paul J. Farrell
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PATENT APPLICATION
Attorney Docket No.: 678-1266 (P11441)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):	PARK, Sang-Yong et al.	GROUP ART UNIT: 2617
APPLICATION NO.:	10/663,034	EXAMINER: PHUONG, Dai
FILING DATE:	September 15, 2003	DATED: February 15, 2011

**FOR: METHOD FOR TRANSMITTING AND RECORDING
 SCHEDULE USING SHORT MESSAGE SERVICE**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action of the United States Patent and Trademark Office dated November 15, 2010, please consider the following amendments and remarks.

AMENDMENTS TO THE CLAIMS

Please amend the claims as set forth below:

1-18 (Canceled)

19. (Currently Amended) A schedule transmission method in a mobile terminal having a short message service (SMS) function and a schedule function, the method comprising the steps of:

determining, by a controller, whether a schedule transmission input for transmitting a schedule recorded in the mobile terminal to an other mobile terminal is selected by a user; and

if the schedule transmission input is selected, converting, by the controller, a data format of the schedule into a data format of a schedule-recordable SMS message for recording in a scheduler,

wherein the data format of the schedule-recordable SMS message is in a format of a message that can be directly recorded as a schedule item in the scheduler; and

transmitting, by the controller, the schedule-recordable SMS message to said other mobile terminal,

wherein the data format of the schedule-recordable SMS message includes parameters indicating use of an alert tone for the schedule and a type of the alert tone.

20. (Previously Presented) The schedule transmission method of claim 19, wherein the

converting step further comprises repeatedly transmitting the schedule-recordable SMS message to a plurality of other mobile terminals when transmitting the schedule-recordable SMS message to the other mobile terminal.

21. (Previously Presented) The schedule transmission method of claim 19, wherein the data format of the schedule-recordable SMS message obtained by converting the data format of the schedule comprises a parameter distinguishing whether a corresponding message is a common SMS message or a schedule-recordable SMS message.

22. (Currently Amended) A schedule recording method in a mobile terminal having a short message service (SMS) message reception function and a schedule function, the method comprising the steps of:

upon receiving an SMS message, determining, by a controller, whether the received SMS message is a schedule-recordable SMS message;

if the received SMS message is a schedule-recordable SMS message, determining, by the controller, whether a schedule recording key is input; and

if the schedule recording key is input, recording a schedule information of the schedule-recordable SMS message in a scheduler.

wherein a data format of the schedule-recordable SMS message includes parameters indicating use of an alert tone for the schedule information and a type of the alert tone.

23. (Currently Amended) A schedule transmission method in a mobile terminal, comprising the steps of:

if a schedule message transmission input for schedule recording to other mobile terminals is selected by a key input, converting, by a controller, a data format of a schedule into a data format of a schedule-recordable SMS message, and transmitting the schedule-recordable SMS message to the other mobile terminals; and

upon receiving the schedule-recordable SMS message by another mobile terminal, recording, by a controller of the another mobile terminal, schedule information of the received schedule-recordable SMS message as a schedule if a schedule recording input is selected by a key input of the another mobile terminal,

wherein a data format of the schedule-recordable SMS message includes parameters indicating use of an alert tone for the schedule and a type of the alert tone.

24. (Previously Presented) The schedule transmission method of claim 23, wherein the schedule message is transmitted using an SMS message service.

25. (Previously Presented) The schedule transmission method of claim 23, wherein the schedule message is transmitted using an E-mail over the Internet.

26. (Canceled)

27. (Previously Presented) The schedule transmission method of claim 24, wherein the data format of the SMS message obtained by converting the data format of the schedule comprises an identifier for distinguishing whether a corresponding message is a common SMS message or a schedule-recordable SMS message.

28. (Previously Presented) The schedule transmission method of claim 24, wherein the data format of the SMS message obtained by converting the data format of the schedule includes a tag indicating a schedule subject, a date, a time, contents, a schedule lasting time, or a phone number of the other party.

29. (Previously Presented) The schedule transmission method of claim 25, wherein the transmitting step further comprises:

determining whether the schedule message transmission input for transmitting an SMS message containing schedule information and alert information to an other mobile terminal is selected by the user; and

if the schedule message transmission input is selected, converting a data format of the SMS message into a data format of a schedule-recordable SMS message, and transmitting the schedule-recordable SMS message to said other mobile terminal.

30. (Previously Presented) The schedule transmission method of claim 29, wherein the step of converting the data format of the SMS message into the data format of the schedule-

recordable SMS message comprises dividing a data field of an SMS message into a subparameter ID (identifier), a subparameter length, an alert mode, an alert time_year, an alert time_month, an alert time_date, an alert time_hours, an alert time_minutes, and an alert time_seconds according to a corresponding schedule, so as to enable the other mobile terminal to be able to record the SMS message as a schedule.

31. (Previously Presented) The schedule transmission method of claim 24, wherein the recording step further comprises:

upon receiving an SMS message, if the received SMS message is a schedule-recordable message, determining whether a schedule recording key is input; and

if the schedule recording key is input, converting a data format of the received SMS message into a format recordable in a scheduler and recording the converted data in the scheduler.

32. (Previously Presented) The schedule transmission method of claim 24, wherein the recording step further comprises:

upon receiving an SMS message, if the received SMS message is a schedule-recordable message, determining whether a schedule recording key is input; and

if the schedule recording key is input, recording the schedule including alert information of the received SMS message.

33. (Previously Presented) The schedule transmission method of claim 32, wherein the step of recording the schedule containing alert information of the received SMS message comprises:

analyzing a schedule contents, an alert mode, and an alert time by consulting data of a data field of the received SMS message; and

recording the analyzed schedule contents, alert mode and alert time in the scheduler.

34. (Previously Presented) The schedule transmission method of claim 32, wherein the step of recording the schedule containing alert information of the received SMS message comprises:

checking the schedule by analyzing a preset tagged text for schedule recording in the received SMS message; and

recording the checked schedule.

35. (Previously Presented) The schedule transmission method of claim 23, further comprises recording the received schedule message in a scheduler and then displaying the recorded schedule on an external window if an input for displaying the recorded schedule on the external window is selected by the user.

36. (Previously Presented) The schedule transmission method of claim 35, wherein the step of displaying the recorded schedule on an external window comprises comparing a lasting

time of the recorded schedule with a current time, displaying a corresponding schedule on the external window if a date and a time are identical to the current time, and avoiding displaying the corresponding schedule if the time and the lasting time have elapsed.

37. (Previously Presented) The schedule transmission method of claim 19, wherein the data format of the SMS message obtained by converting the data format of the schedule comprises a parameter identifying a number of recipients to which the schedule is to be transmitted.

38. (Currently Amended) The schedule transmission method of claim 19, wherein the data format of the SMS message obtained by converting the data format of the schedule comprises parameters indicating a length of the schedule contents, an alert date and a time information of the schedule to be recorded, ~~use of an alert tone for the schedule, and a type of the alert tone.~~

REMARKS

Prior to this Amendment, Claims 19-25 and 27-38 are currently pending in this application, with Claims 19, 22, and 23 being independent claims. Claims 19-25, 27-29, 31-35 and 37-38 are rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 7,088,990 to Isomursu et al. (hereinafter, "Isomursu"). Claim 30 is rejected under 35 U.S.C. §103(a) as being unpatentable over Isomursu in view of U.S. Patent Application Publication No. 2001/0041560 to Tarkiainen et al. (hereinafter, "Tarkiainen"). Claim 36 is rejected under 35 U.S.C. §103(a) as being unpatentable over Isomursu in view of U.S. Patent Application Publication No. 2003/0100336 to Cronin.

As indicated above, Claims 19, 22, 23, and 38 have been amended. No new matter has been presented. Claims 19-25 and 27-38 are now pending, with Claims 19, 22, and 23 as independent claims.

Regarding independent Claims 19, 22, and 23, which have been amended to incorporate limitations from dependent Claim 38 to recite, "wherein the data format of the schedule-recordable SMS message includes parameters indicating use of an alert tone for the schedule and a type of the alert tone," amended independent Claims 19, 22, and 23 are not anticipated by Isomursu.

In the rejection of dependent Claim 38, the Examiner asserts that Isomursu discloses that the format of the SMS message comprises parameters indicating use of an alert tone for the schedule, and a type of the alert tone. (Office Action, page 11, citing Isomursu at column 3, lines 4-52; column 6, lines 27-60; and column 8, lines 16-67). However, the cited passages of Isomursu do not indicate that an SMS message includes parameters indicating an alert tone and a type of the alert tone. Further the Examiner has failed to specifically identify, what, if any, specific information in Isomursu that the Examiner compares to the parameters indicating use of

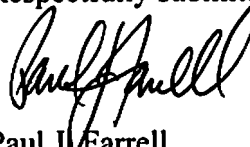
an alert tone and the type of alert tone. Therefore, Isomursu does not teach the above-quoted limitation of amended independent Claims 19, 22, and 23.

For at least the reasons stated above, Isomursu fails to teach all of the limitations of amended independent Claims 19, 22, and 23 arranged or combined in the same manner as recited in the claims. Therefore, amended independent Claims 19, 22, and 23 are not Isomursu. Accordingly, withdrawal of the §102(e) rejection of amended independent Claims 19, 22, and 23 is respectfully requested.

Claims 20-21, 24-25, and 27-38 are dependent claims, and are believed to be in condition for allowance for at least the reasons given above with regard to their respective independent Claims 19 and 23.

Accordingly, all of the claims pending in the Application, namely, Claims 19-25 and 27-38, are believed to be in condition for allowance. Should the Examiner believe that a telephone conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicants' attorney at the number given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Paul J. Farrell", is written over a horizontal line.

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